

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021920.D
 Acq On : 18 Apr 2025 11:02
 Operator : SY/MD
 Sample : Q1826-05
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-FLOORRE

Quant Time: Apr 19 01:10:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

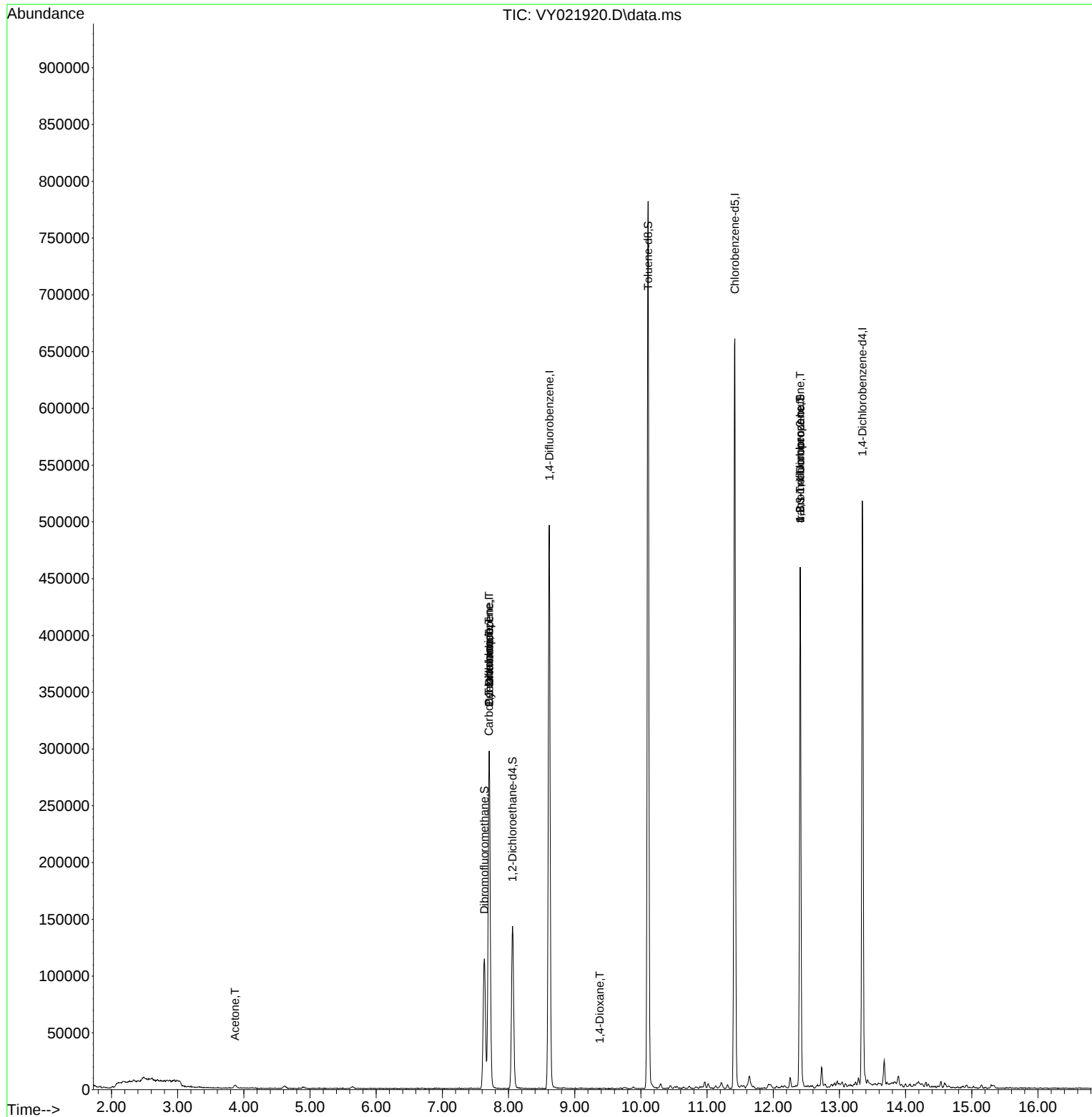
Internal Standards						
1) Pentafluorobenzene	7.707	168	222807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	414262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	347536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115366	47.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.580%
35) Dibromofluoromethane	7.634	113	81883	30.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.940%
50) Toluene-d8	10.109	98	496023	48.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.408	95	135036	39.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.100%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	4990	10.100	ug/l #	87
20) Methylene Chloride	4.616	84	1561	Below Cal	#	84
31) Cyclohexane	7.707	56	5058	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	17796	4.348	ug/l #	50
38) Carbon Tetrachloride	7.701	117	23138	4.936	ug/l #	17
49) 1,4-Dioxane	9.378	88	28	1.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	69827	56.013	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	69827	129.064	ug/l #	12

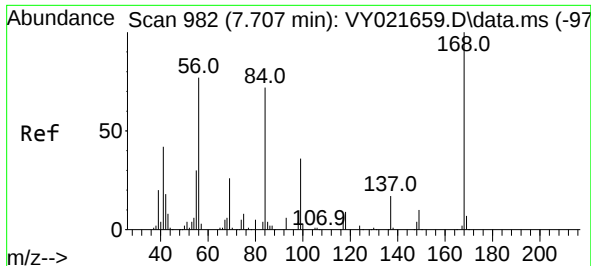
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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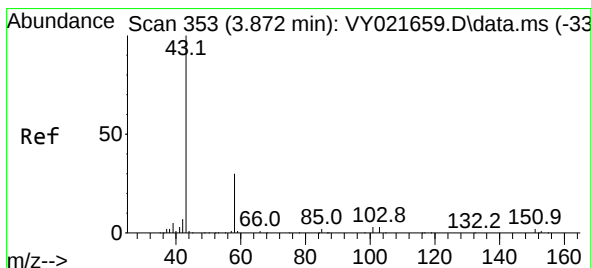
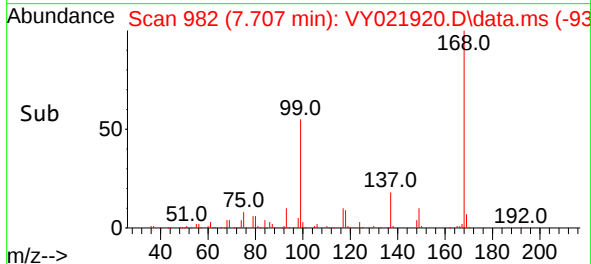
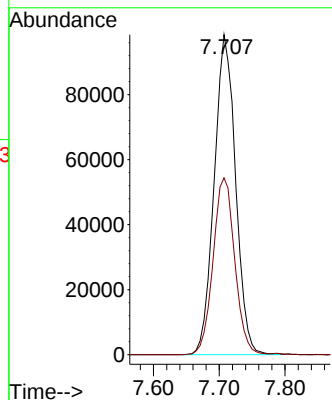
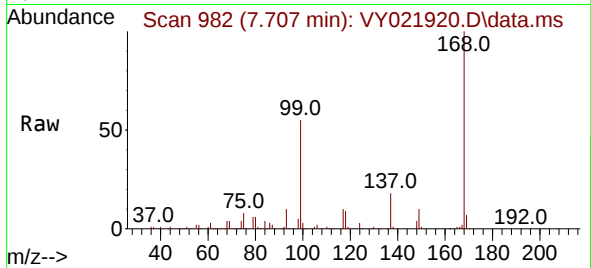




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

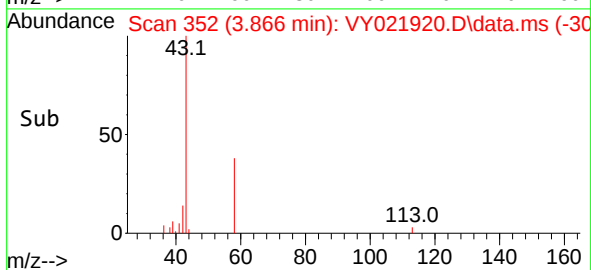
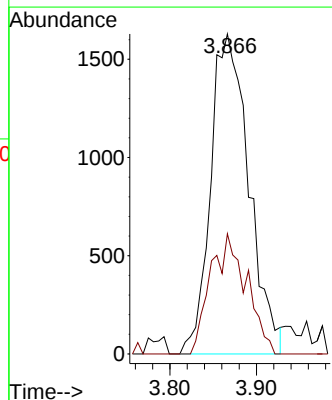
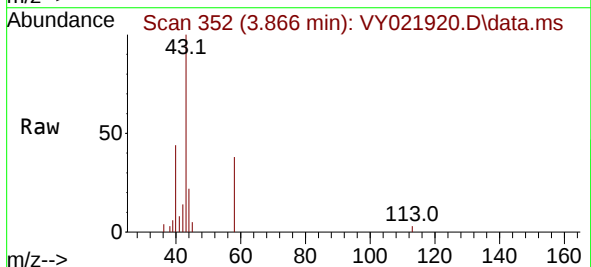
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOORRE

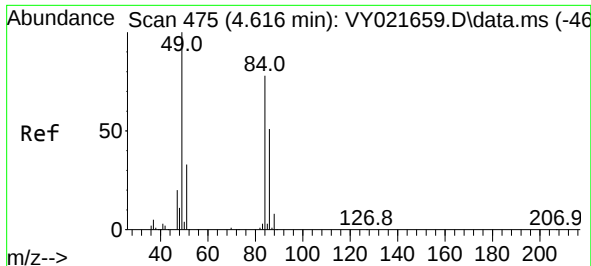
Tgt Ion:168 Resp: 222807
Ion Ratio Lower Upper
168 100
99 55.2 46.7 70.1



#16
Acetone
Concen: 10.100 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

Tgt Ion: 43 Resp: 4990
Ion Ratio Lower Upper
43 100
58 37.6 24.2 36.4#

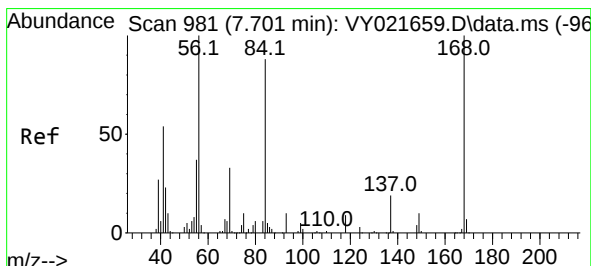
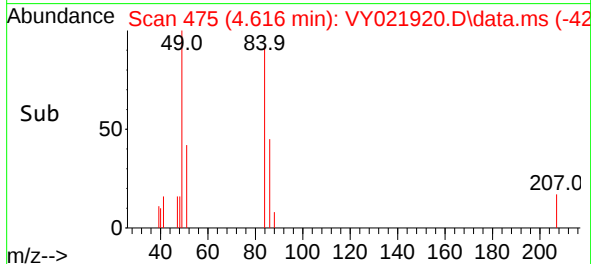
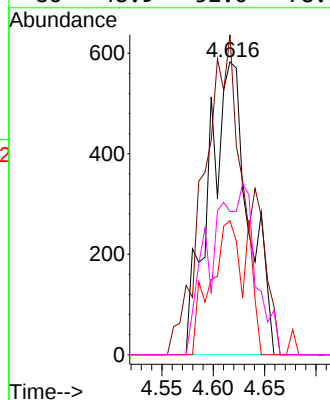
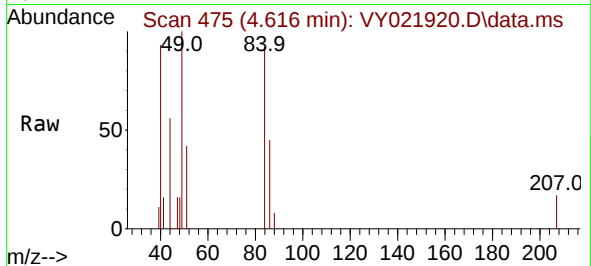




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

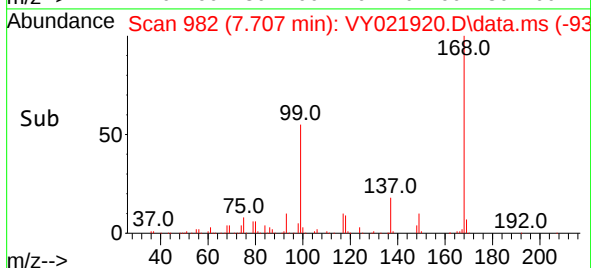
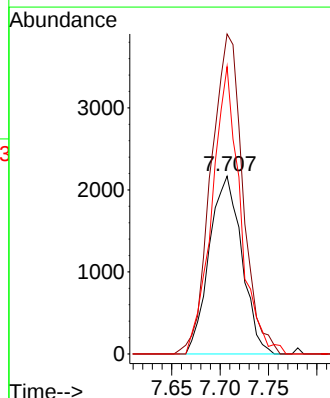
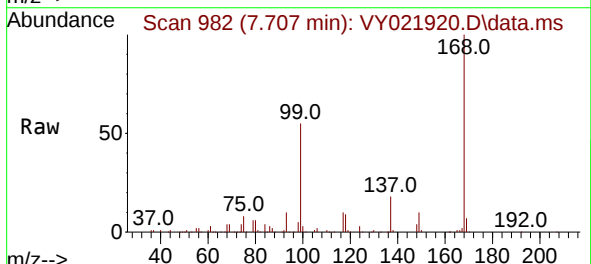
Instrument :
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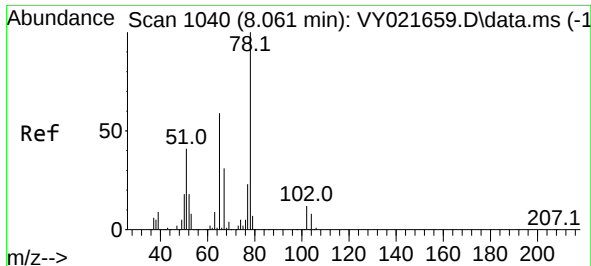
Tgt Ion:	84	Resp:	1561
Ion	Ratio	Lower	Upper
84	100		
49	109.3	102.8	154.2
51	45.8	33.5	50.3
86	48.9	52.0	78.0



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

Tgt Ion:	56	Resp:	5058
Ion	Ratio	Lower	Upper
56	100		
69	179.9	26.6	40.0
84	161.6	69.0	103.4





#33

1,2-Dichloroethane-d4

Concen: 47.789 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

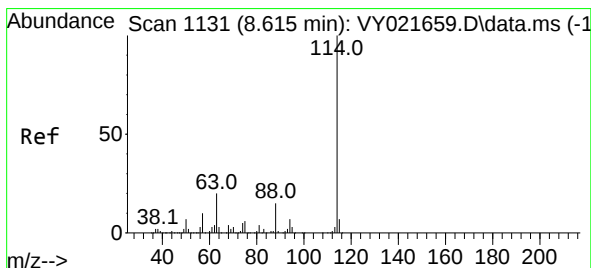
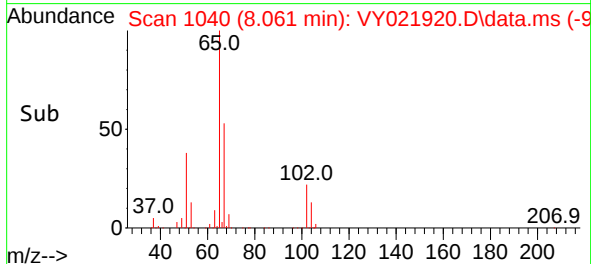
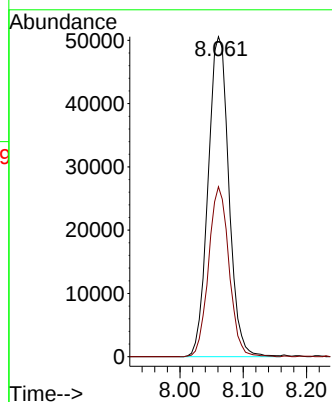
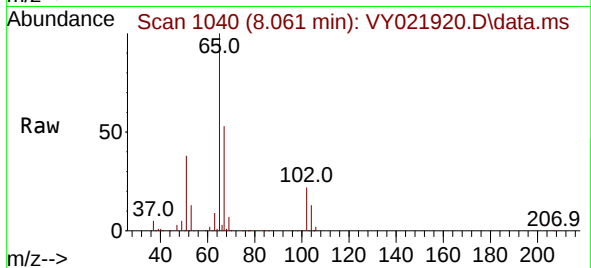
CONCRETE-FLOORRE

Tgt Ion: 65 Resp: 115366

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

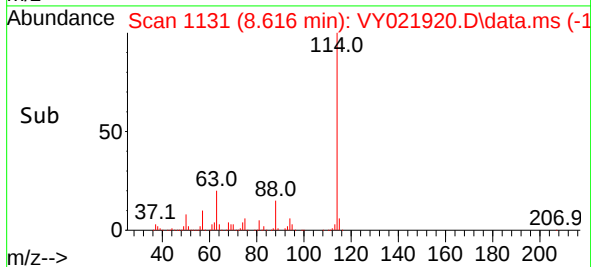
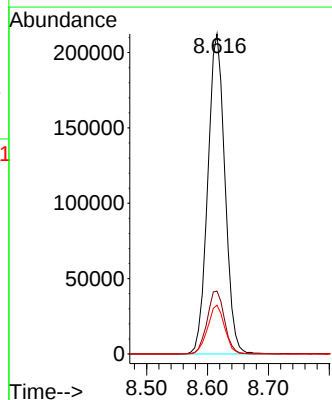
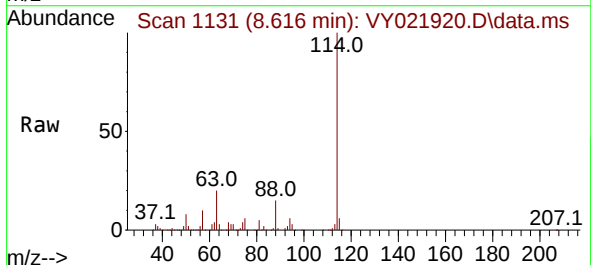
Tgt Ion:114 Resp: 414262

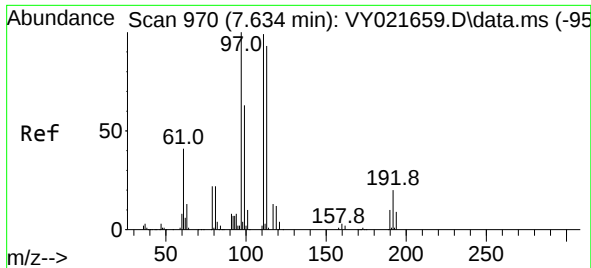
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.2 0.0 29.8

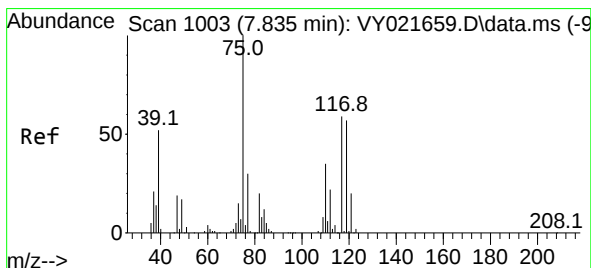
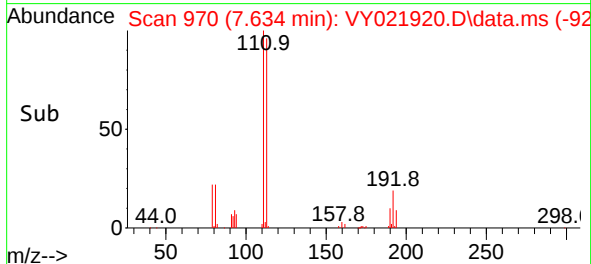
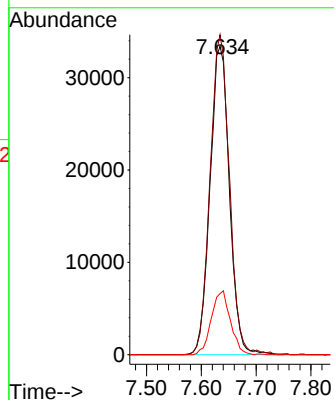
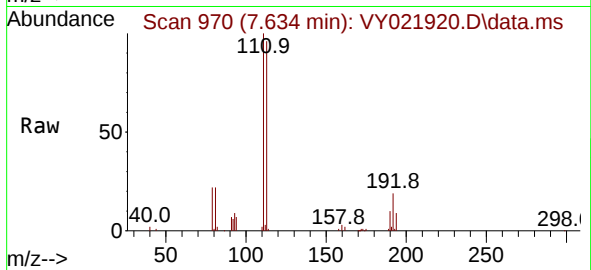




#35
Dibromofluoromethane
Concen: 30.471 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

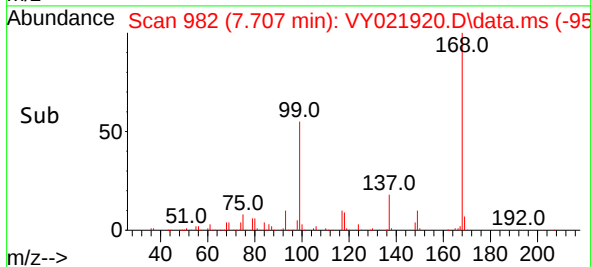
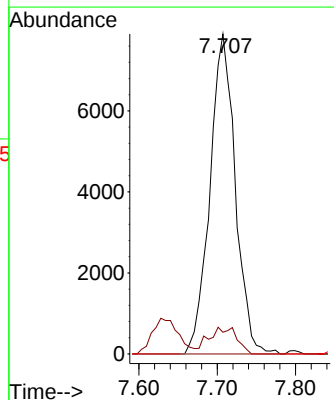
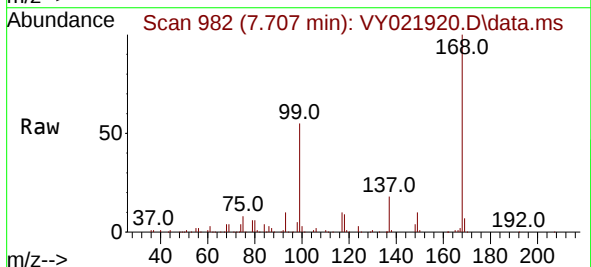
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOORRE

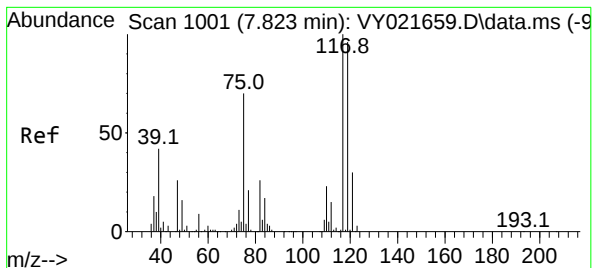
Tgt Ion:113 Resp: 81883
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 20.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.348 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

Tgt Ion: 75 Resp: 17796
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 4.936 ug/l

RT: 7.701 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY021920.D

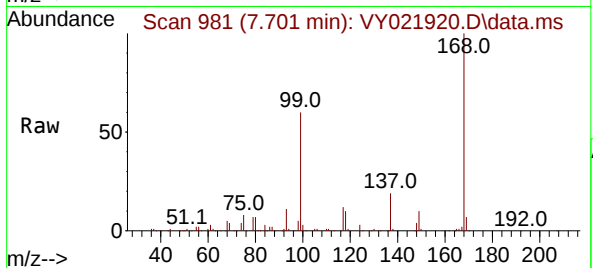
Acq: 18 Apr 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-FLOORRE



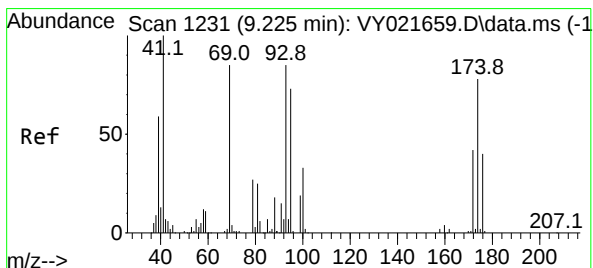
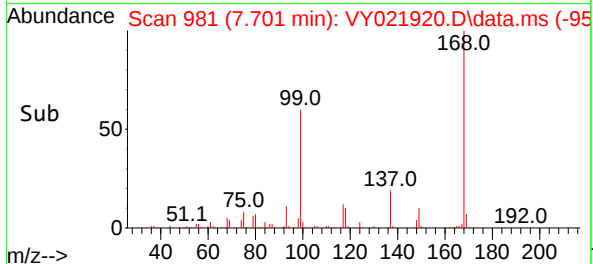
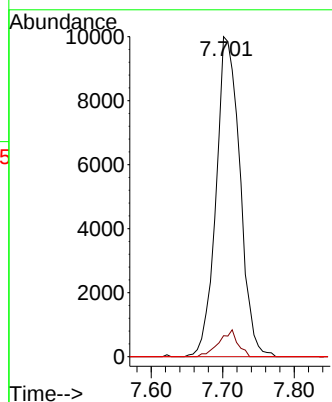
Tgt Ion:117 Resp: 23138

Ion Ratio Lower Upper

117 100

119 6.5 76.2 114.4#

121 0.0 24.2 36.4#



#49

1,4-Dioxane

Concen: 1.563 ug/l

RT: 9.378 min Scan# 1256

Delta R.T. 0.153 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

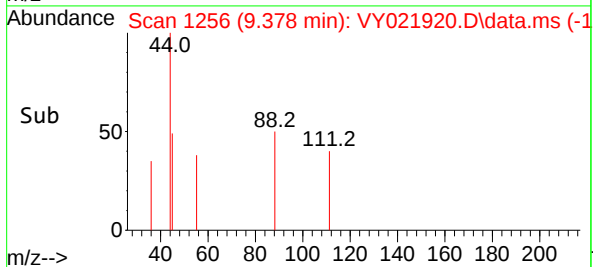
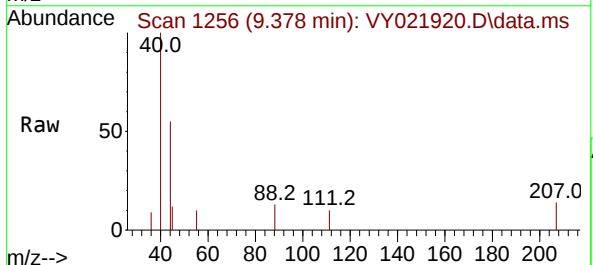
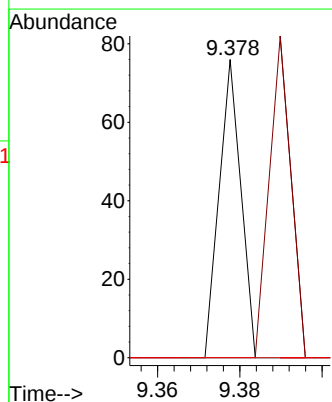
Tgt Ion: 88 Resp: 28

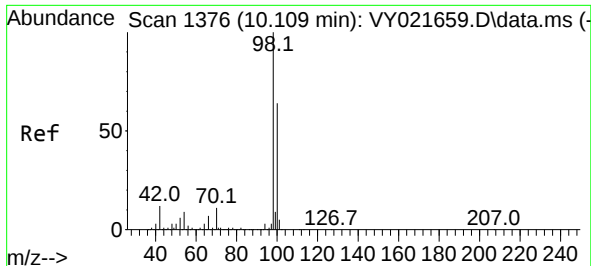
Ion Ratio Lower Upper

88 100

43 107.1 28.8 43.2#

58 0.0 59.4 89.2#

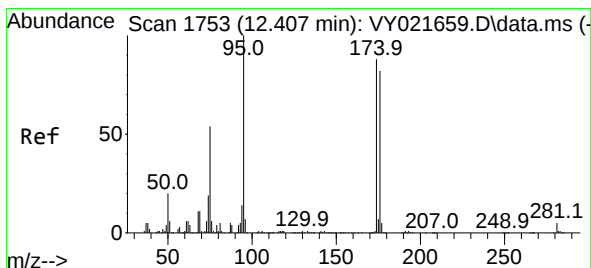
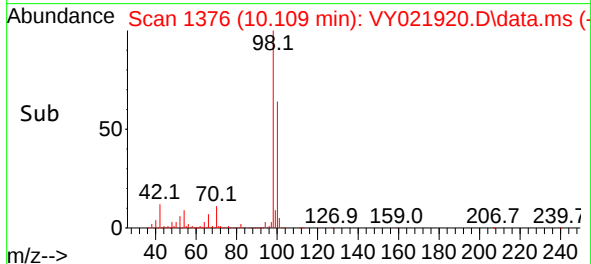
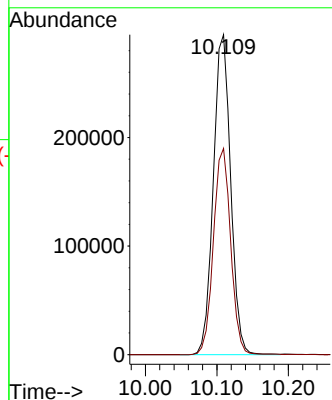
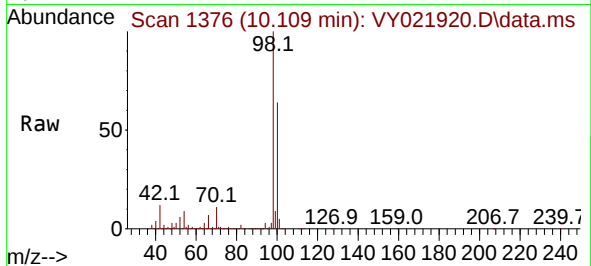




#50
Toluene-d8
Concen: 48.520 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

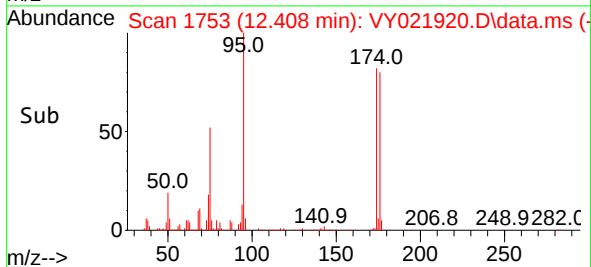
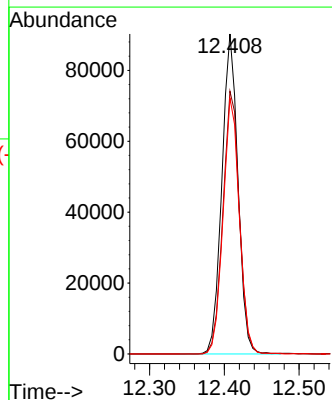
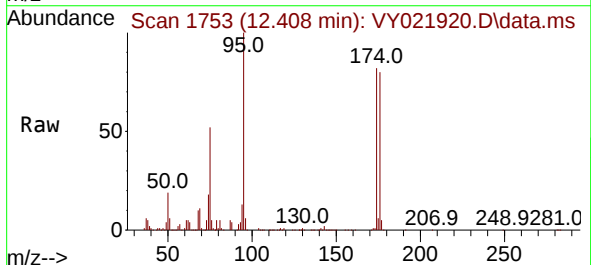
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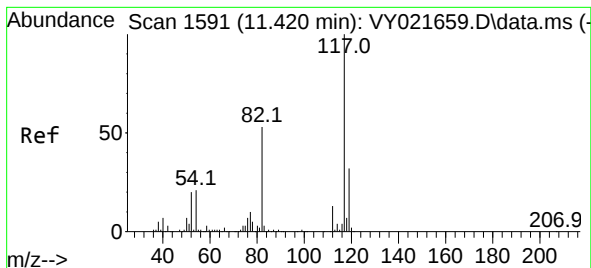
Tgt Ion: 98 Resp: 496023
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.051 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

Tgt Ion: 95 Resp: 135036
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 81.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021920.D

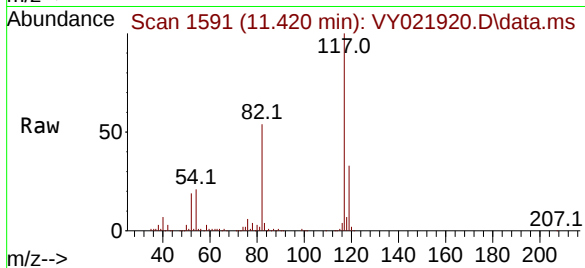
Acq: 18 Apr 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-FLOORRE



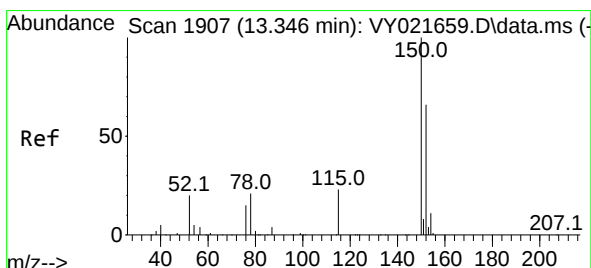
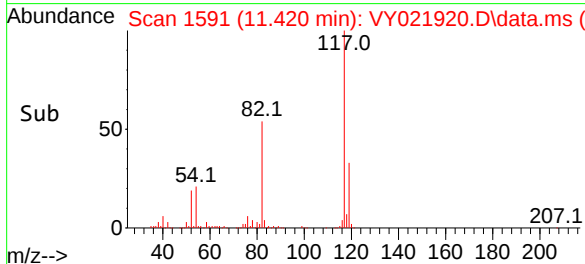
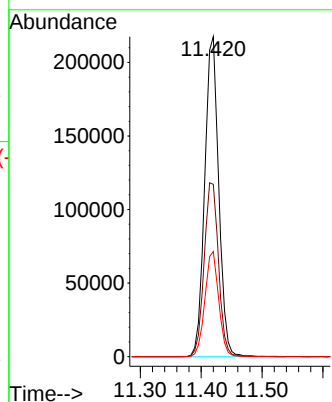
Tgt Ion:117 Resp: 347536

Ion Ratio Lower Upper

117 100

82 53.8 42.8 64.2

119 32.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

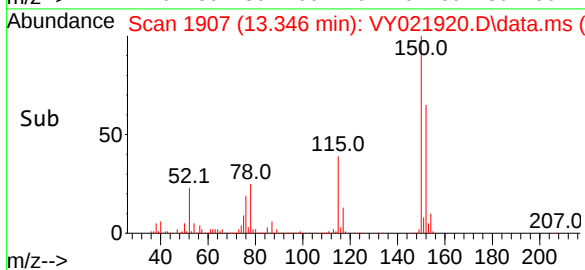
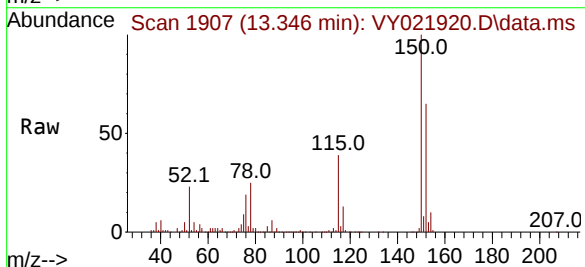
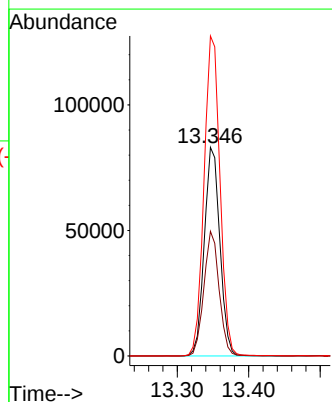
Tgt Ion:152 Resp: 125761

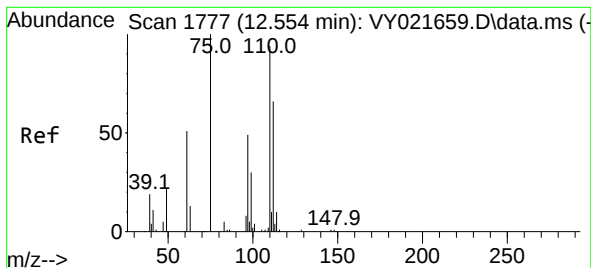
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.0 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 56.013 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

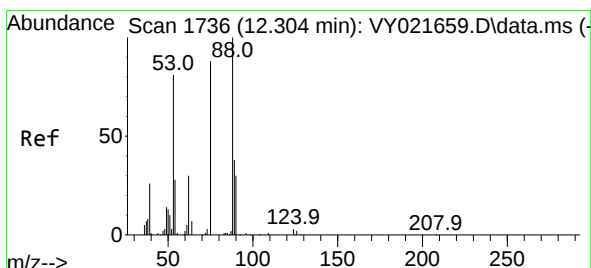
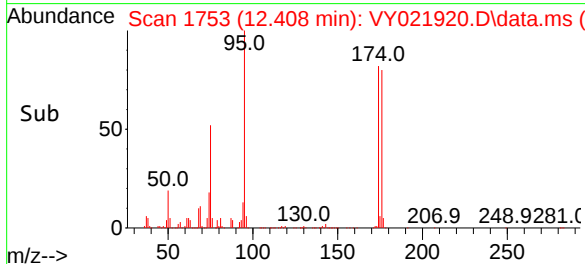
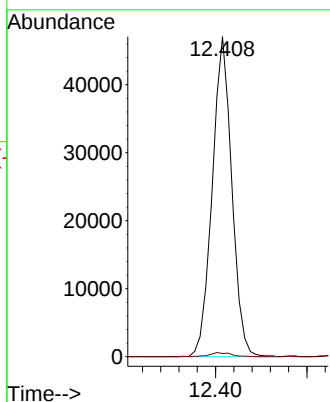
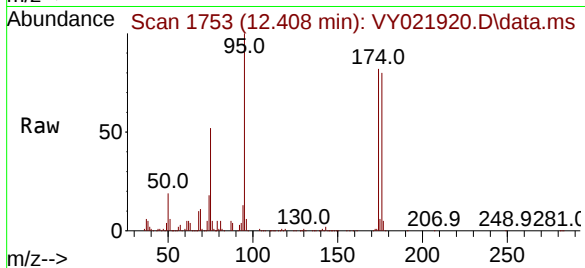
CONCRETE-FLOORRE

Tgt Ion: 75 Resp: 69827

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.064 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

Tgt Ion: 75 Resp: 69827

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.2 54.4#

